

ABSTRACT

Microscope, particularly a stereomicroscope, for simultaneous observation by a first and a second observer, comprising a main objective (2) defining an optical axis (2a) and an optical beam path (17) following a direction of the optical axis (2a); a magnification system (12, 13) mounted after the main objective (2); a beam splitter device (5) mounted after the main objective (2) for deflecting a first partial optical beam path (17a) into a first plane (I) of the microscope, and for transmitting a second partial optical beam path (17b) in the direction of the optical axis (2a); a plurality of deflector elements (6a, 6b) for deflecting the first partial optical beam path (17a) out of the first plane (I) and into a second plane (II) of the microscope extending substantially parallel to the first plane (I); and a further deflector element (6c) for deflecting the second partial optical beam path (17b) into a third plane (III) of the microscope extending substantially parallel to the first and second planes (I, II) and located above the first and second planes (I, II).

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